

FIGURE 1

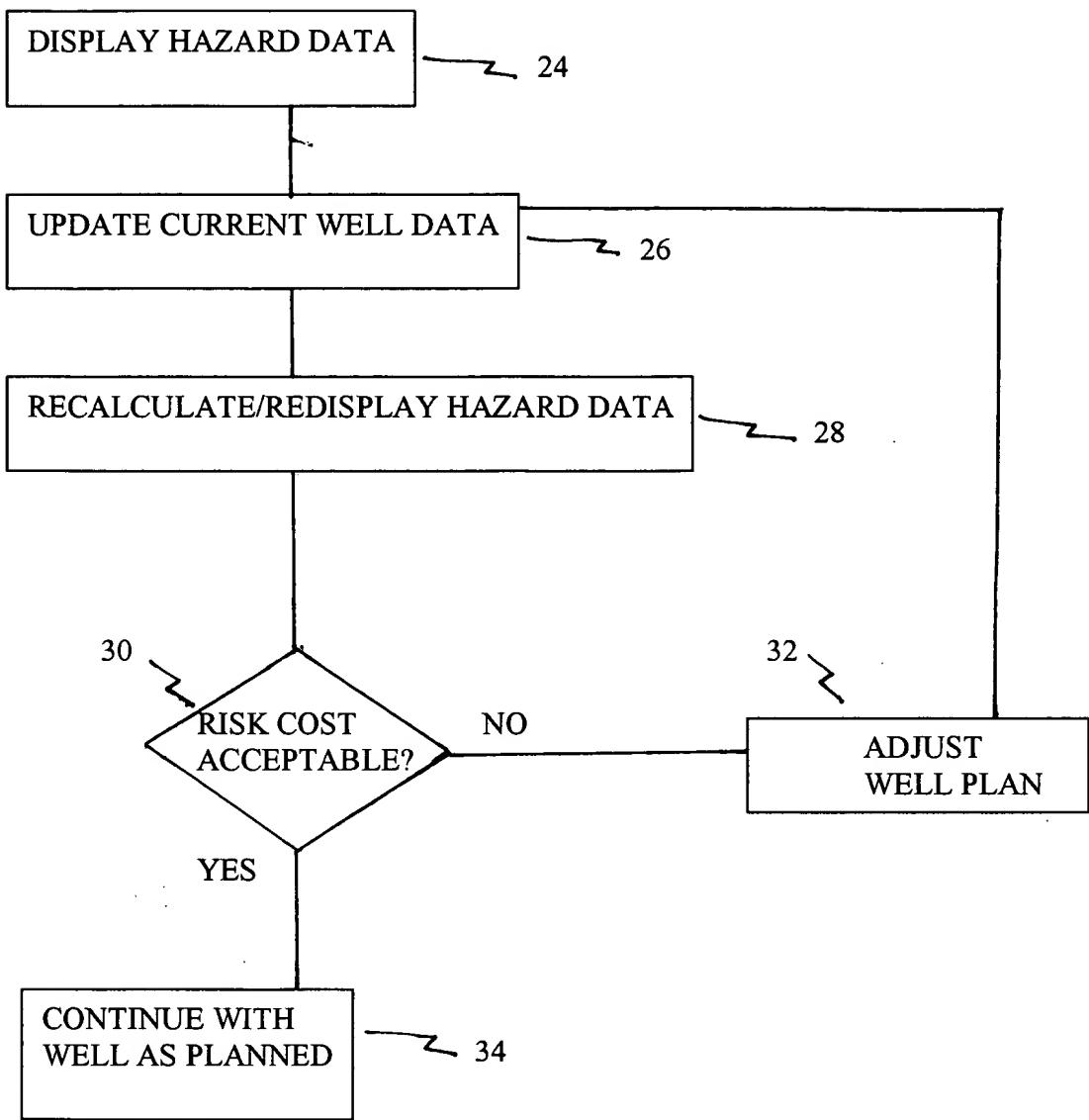


FIGURE 2

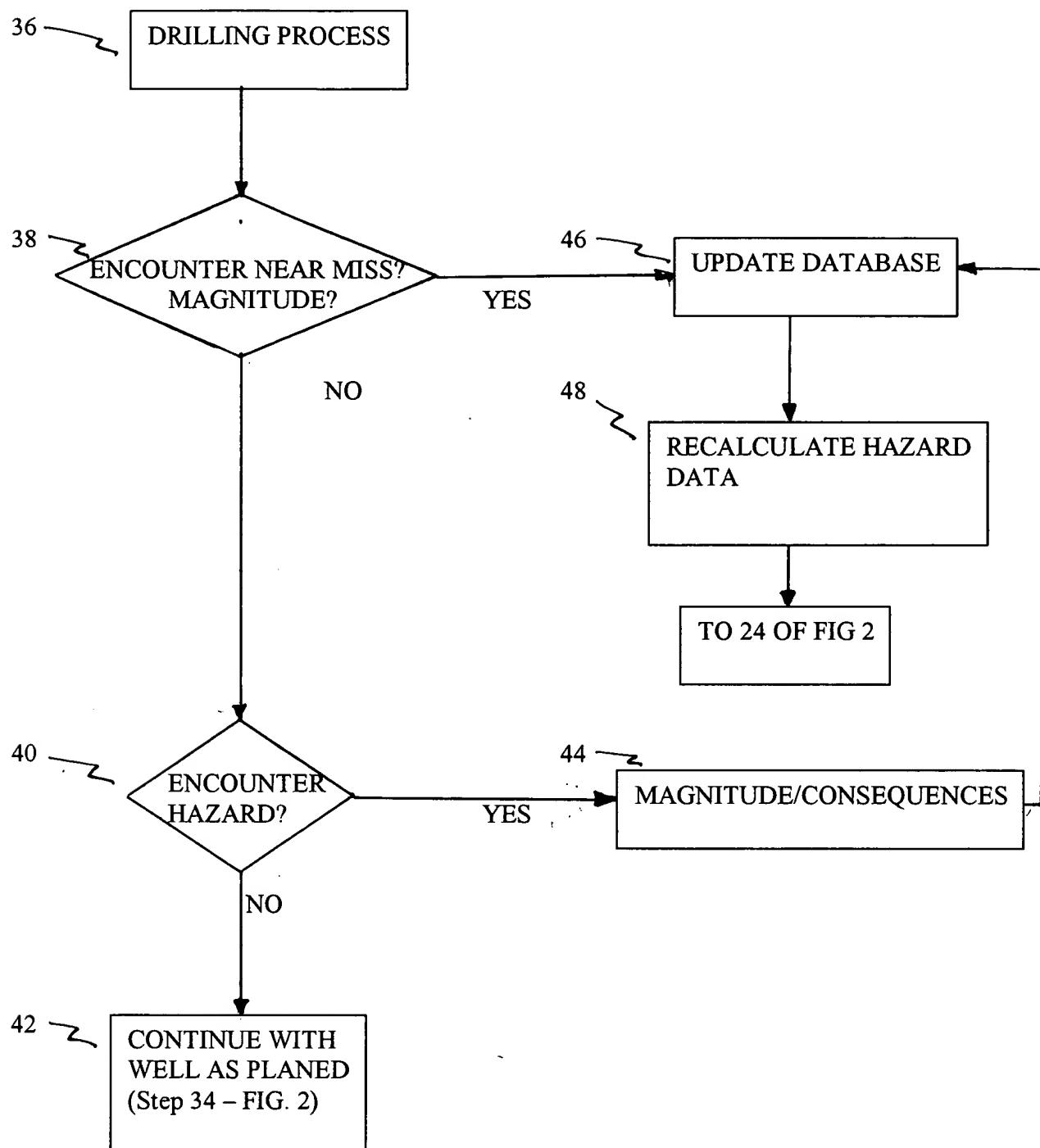
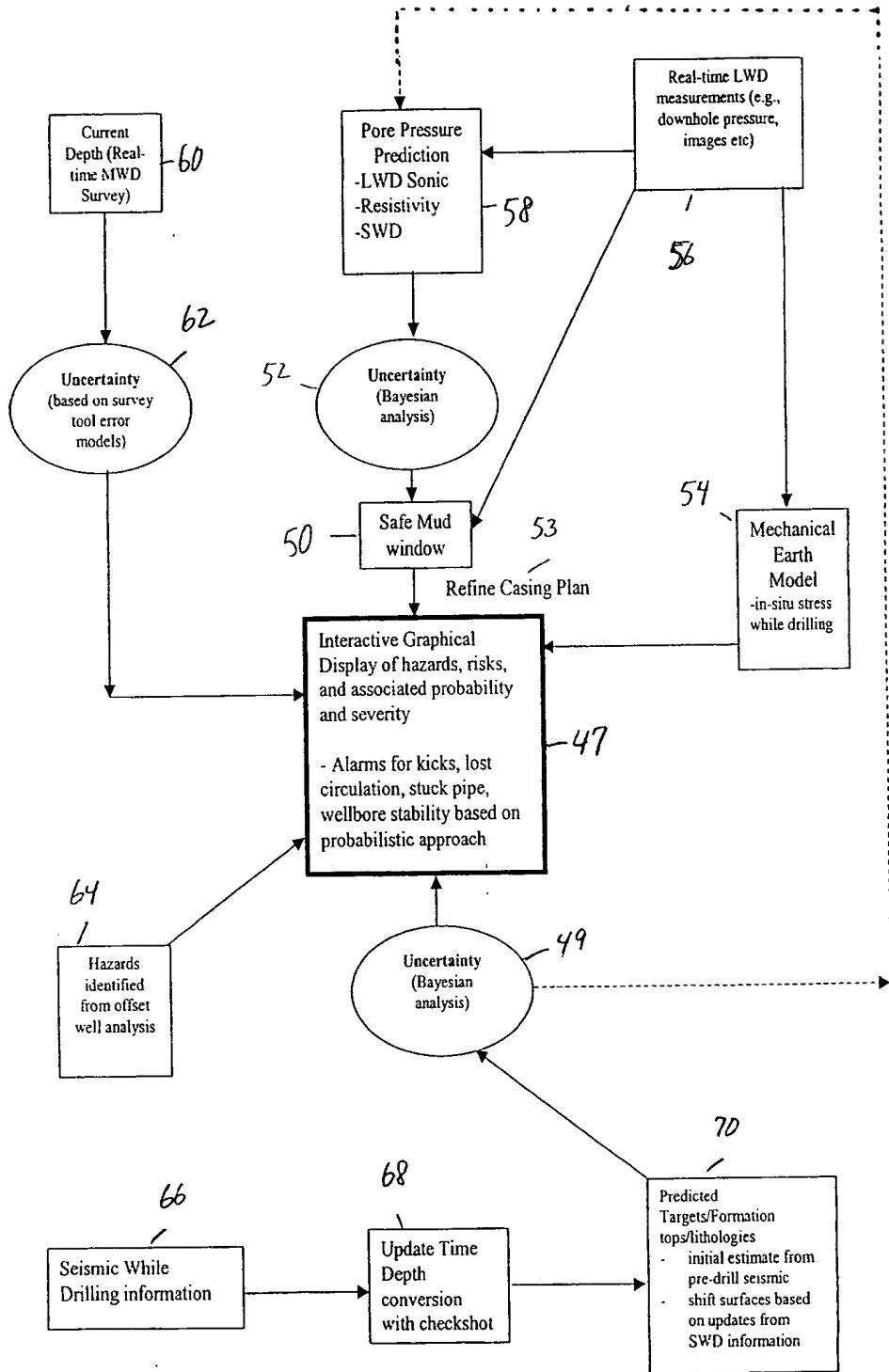
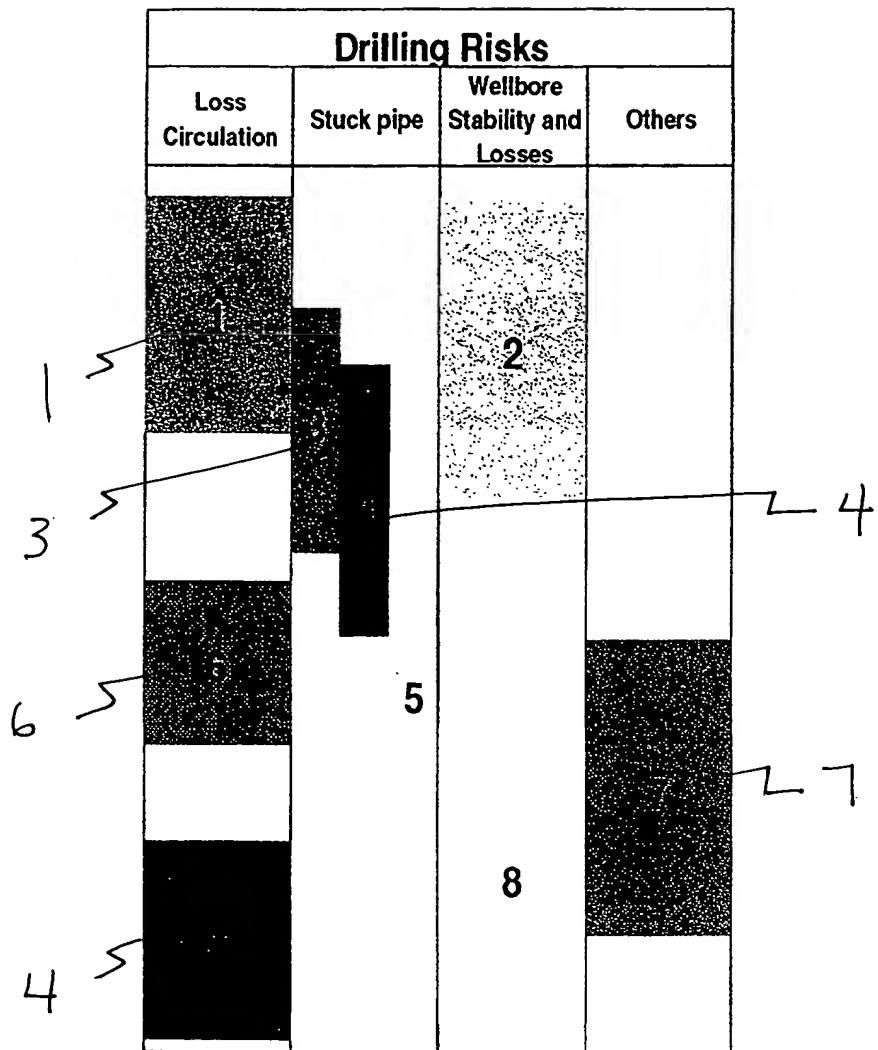


FIGURE 3



Depth (Metres)	
MDbrt	TVDbrt
0	
100	
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	

Figure 5



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Figure 6

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1	1350– 1650 m	1103– 1253.5 m	1) Potential MUD LOSSES using 1.65sg mud weight.	<ul style="list-style-type: none"> <li>- Keep ECD low</li> <li>- Observe for losses</li> <li>- LCM may be necessary</li> <li>- Maintain good hole cleaning</li> </ul>
2	1025 – 1900 m	941 – 1394 m	2) Well Inclination between 55–65 deg. Possible AVALANCHING cuttings beds.	<ul style="list-style-type: none"> <li>- Ensure good hole cleaning and careful tripping of BHA through and below this zone.</li> </ul>
3	1675– 1828 m	1266– 1351 m	3) Potential MUD LOSSES if ECD exceeds 1.68sg	<ul style="list-style-type: none"> <li>- Keep ECD low (&lt;1.68sg)</li> <li>- Observe for losses</li> <li>- LCM may be necessary</li> </ul>
4	1850 – 2070 m	1364 – 1505 m	4) Potential BREAKOUT using 1.65 sg mud weight	<ul style="list-style-type: none"> <li>- Monitor caving volumes</li> <li>- Observe caving morphology</li> <li>- Avoid swabbing during TOH</li> <li>- Good hole cleaning important</li> </ul>
5	1980 – 2505 m	1444.5 – 1844.5 m	5) Potential losses due to FAULT ZONE	<ul style="list-style-type: none"> <li>- Keep ECD below 1.70sg.</li> <li>- Monitor mud losses carefully.</li> <li>- Monitor for fracture related cavings.</li> <li>- An increase in mud weight NOT recommended due to destabilisation of failed material across fault zone.</li> <li>- Do not rotate BHA across fault zone.</li> </ul>
6	1990– 2070 m	1450– 1500 m	6) Possible Bedding Parallel Formation Failure. High volumes of cavings, danger of packoff	<ul style="list-style-type: none"> <li>- Monitor caving morphology for bedding parallel failure</li> <li>- Maintain good hole cleaning, reduce ROP if caving volume becomes excessive with increased hole cleaning.</li> <li>- Do not increase mud weight</li> </ul>
7	2725– 2850 m	2040– 2157 m	7) Potential BREAKOUT using 1.65 sg mud weight	<ul style="list-style-type: none"> <li>- Monitor caving volumes</li> <li>- Observe caving morphology</li> </ul>
8	2883 – 2925 m	2189 – 2228 m	8) Potential mud losses in fractured Balder/Sole if ECD exceeds 1.68 sg.	<ul style="list-style-type: none"> <li>- Keep ECD low (&lt;1.68 sg)</li> <li>- Observe for losses</li> <li>- LCM may be necessary</li> </ul>

Figure 7

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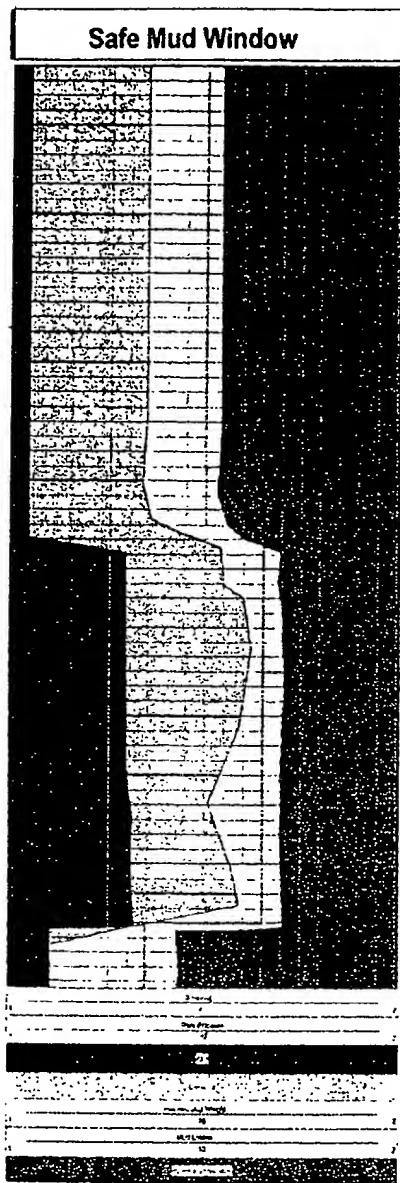


Figure 8

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